



199293

Sequence Listing

<110> Buchanan, F.
<110> Thue, T.D.
<110> Winkelman-Sim, D.
<120> CRH and POMC Effects on Animal Growth
<130> 1696-04-02
<141> March 31, 2004
<160> Number of SEQ ID NOS: 9
<170> Microsoft Office 2004; Windows XP Professional O/S.

<210> SEQ ID NO: 1
<211> LENGTH: 584 base pairs
<212> TYPE: DNA
<213> ORGANISM: Bos taurus
<220> FEATURE: SNPs present at nucleotides 22 ("CRH4"), 145 ("CRH45") and 240 ("CRH77").
<223> OTHER INFORMATION: GenBank Accession AF340152

<400> SEQUENCE 1
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61 tgccctcccc gccatgcagg gccctcctca gccggggggc catcccgggt gcccggcagg
121 catcacagca cccccagccc ctgagtttct tccagccgcc gccgcagccc caggaacccc
181 aggtcttgcc caccctactc cgtgttgggg aggaatactt cctccgcctg ggtaacctcg
241 atgagacccg ggctgctccs ctctctcccg ccgcctcgcc tctcgccagc agaagcagca
301 gtcgcctttc tccggacaag gtggccgcca actttttccg agcgctgctg cagccccggc
361 gccattcga cagcccagcg ggtcccgcgg aacgcggcac ggagaacgcc ctcggcagcc
421 gccaggaggc gccggccgcc aggaagaggc gatccagga acctccatc tccctggatc
481 tcaccttcca ctcctccga gaagtcttgg aaatgaccaa ggccgatcag ttagcacagc
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<210> SEQ ID NO: 2
<211> LENGTH: 1002 base pairs
<212> TYPE: DNA
<213> ORGANISM: Bos taurus
<220> FEATURE: SNP at position 254
<223> OTHER INFORMATION: GenBank Accession J00021

<400> SEQUENCE 2
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121 ccgacctctc cgccgagacg ccggtgttcc ccgggaacgg cgatgagcag ccgctgactg
181 agaaccctcg gaagtacgtc atggggccatt tccgctggga ccgcttcggc cgtcgggaatg
241 gtagcagcag cagcggagtt gggggcgcg cccagaagcg cgaggaggaa gtggcggtgg
301 gcgaaggccc cgggccccgc ggcgatgacg ccgagacggg tccgcgcgag gacaagcggt
361 cttactccat ggaacacttc cgctggggca agccgggtgg caagaagcgg cgcccgggtg
421 aggtgtacac caacggcgcc gaggaagcag cggcccaggc ctttccctc gaattcaaga
481 gggagctgac cggggagagg ctcgagcagg cgcgcgggcc cgaggcccag gctgagagtg
541 cggccgcccc ggctgagctg gagtatggcc tgggtggcga ggcgagggct gaggcggccg
601 agaagaagga ctcgggggcc tataagatgg aacacttccg ctggggcagc ccgcccgaag
661 acaagcgcta cggcggggtc atgacctccg agaagagcca aacgccccct gtcacgctgt
721 tcaaaaacgc catcatcaag aacgcccaca agaagggcca gtgagggcgc agcgggcagg
781 ggcctctctc cgcggaaagt tgacctgaa ggcctctctt ctgcccctct accgcctcgc
841 agcctgggtg aggattcgcc caggcagtg tggcgccagg tatcccgact cttaaagctg
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<210> SEQ ID NO: 3

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<211> LENGTH: 1809 base pairs
 <212> TYPE: DNA
 <213> ORGANISM: Bos taurus
 <223> FEATURE: SNP at position 1069
 <223> OTHER INFORMATION: Genbank Accession No. AF265221
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301 tccctggcaa aaggctactc ggacgggggg tgctatgagc agctctttgt ctctcccag
361 gtgtttgtga ctctgggggt catcagcttg ttggagaata ttctggtgat cgtggccata
421 gccaagaaca agaactctga ctcacccatg tactttttca tctgcagcct ggctgtggct
481 gacatgttgg tgagcgtttc caacgggtcg gaaaccattg tcatcacctt gctgaacagc
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721 atcagcgcca tctgggcagc ctgcacgggt tcgggcgtct tgttcatcat ttactcagac
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1261 ctcatatgta caacctgaac agtctgtatc agccacagct ttttcttctg tgtagggcat
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1381 gccagtcctt ggtgtatttt taatgtcatg ctacttctg gctgtaaaat gtgaatccac
1441 atcacagggt ataggcacta tgcatttata aaaaaagaag aaaaaaagtc cttatgagga
1501 gtttaacagt gtttccttct tgttatttac aaggatgtga cactttgctt gcttttgtaa
1561 catggaaaac acagcttcat taagtataat ctcataagtg gtttttttat gttatacttt
1621 acaacactga agtgtaaaaaa tttgattcta gcatttaggg gagaaatatt gagaacatat
1681 tgcttaatca taaaaaacia gctgaaattt caggtaattt aataagactt tctcattcat
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1801 aaaaaaaaaa
  
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<210> SEQ ID NO: 4
 <211> LENGTH: 22
 <212> TYPE: DNA
 <213> ORGANISM: Bos taurus
 <223> OTHER INFORMATION: Forward primer for DNA amplification of sequences within
 SEQ ID NO: 1.

<400> SEQUENCE 4
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<210> SEQ ID NO: 5
 <211> LENGTH: 20
 <212> TYPE: DNA
 <213> ORGANISM: Bos taurus
 <223> OTHER INFORMATION: Reverse primer for DNA amplification; sequence is the
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<400> SEQUENCE 5
 1 ctgtgatgcc tgccgggcac 20

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<210> SEQ ID NO: 6
<211> LENGTH: 21
<212> TYPE: DNA
<213> ORGANISM: Bos taurus
>223> OTHER INFORMATION: Forward primer for DNA amplification of sequences within
SEQ ID NO: 2.

<400> SEQUENCE 6
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<210> SEQ ID NO: 7
<211> LENGTH: 23
<212> TYPE: DNA
<213> ORGANISM: Bos taurus
<223> OTHER INFORMATION: Reverse primer for DNA amplification; sequence is the
reverse complement of the corresponding sequence in SEQ ID NO: 2.

<400> SEQUENCE 7
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<210> SEQ ID NO: 8
<211> LENGTH: 20
<212> TYPE: DNA
<213> ORGANISM: Bos taurus
<223> OTHER INFORMATION: Forward primer for DNA amplification of sequences within
SEQ ID NO: 3.

<400> SEQUENCE 8
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<210> SEQ ID NO: 9
<211> LENGTH: 22
<212> TYPE: DNA
<213> ORGANISM: Bos taurus
<223> OTHER INFORMATION: Reverse primer for DNA amplification; sequence is the
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<400> SEQUENCE 9
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